LABDEX

Automatic Biochemistry Analyzer LX104ABA

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Description

Automatic biochemistry analyzer LX104ABA is a completely automated benchtop chemistry analyzer with a throughput of 800 tests per hour. Designed with expanded on-board testing, reduced sample volume, and simple operation, this is a suitable biochemical analyzer for low to mid-volume hospitals and laboratories worldwide. It has an easy-to-use interface that provides a long-term basis for analytical performance. This system contains standardized test menus, assay methods, instrument operations, and reference ranges, all of which limit operator variation and offer consistent quality results.

Specifications

Throughput	800 Tests/hour 1200 Tests/hour with ISE (Optional)
Analysis Method	End-point, Fixed-time, Rate (Kinetic)
Sample Positions	150 sample positions
Reagent Position	180 reagent positions
Sample Volume	1-70μl
Reagent Volume	10-350μl
Probe	Teflon coating, withanti-collision function, Liquid level detectionfunction
Probe Washing	Automatic washing interior and exterior
Reagent Cooling	Refrigerated tray with independent switch
Temperature Control	Water bath37±0.1℃, real-time monitoring
Cuvettes	160 reusable cuvettes, optical length 6mm
Mixer probe	Independent stirring
Washing	Automatic cuvettes washing
STAT function	Yes
Light Source	12V/20W halogen lamp/fiber bragg grating optional
Spectrophotometry	Post-spectral spectrophotometry
Wavelength	12 wavelength from 340~800nm
Absorbance	0-3.5Abs
Calibration	Linear:K factor, 1-point ,2-point and multipoint linear Non-Linear:Spline,Polygon, Index, Ogarithm, Logit-4P, Logit-5P

Quality Control	Real-time QC, Westgard multi rule, Cumulative Sum Check,Twin Plot (2D)
Software	Windows 7/8/10 , 32 or 64bit
LIS System	Bi-direction, support HL7 protocol
Interface	LAN port access
Power Supply	AC220V±10% 50/60Hz, 110V±10% 60Hz, 1500W
Temperature	15~30℃ (±2℃)
Water Consumption	Deionized water:□25L/H
Humidity	40-85%
External Size (W x D x H)	1360 x 795 x 1155 mm
Net weight	290 kg
Package Size (W x D x H)	1720 x 970 x 1430 mm
Gross Weight	400 kg

Features

- Designed with uninterrupted workflow
- Probe with anti-collision and liquid-level detection function
- Refrigerated tray with independent switch and 24-hour, 2-8℃ cooling system
- Mixer probe having Teflon coating to avoid cross-contamination
- It has intelligent software
- Washing probe having dual design and high efficiency
- Robust testing capabilities
- Efficient reagent and consumable use
- Simplify operations with user-friendly graphical user interface design and touch-screen monitor

Applications

- Automatic biochemistry analyzer used in many biology and histopathology laboratories to extract the serum, plasma, urine or any other body fluid, Research institutes etc.

Optional Accessories

- Printer
- Sample barcode system

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